

# AYDINDISPLAYS

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## MODEL 4424S-PC

### 24" MILITARY WORKSTATION

### FEATURES:

- Ultra Resolution, 1920 x 1200
- Anti-Reflective Protective Window
- Convenient Front Controls
- Wide Viewing Angle

### OPTION:

- Touchscreen

# SPECIFICATIONS:

<b>Active Display Area:</b>	518.4 x 324.0 mm (20.41" x 12.96")
<b>Pixel Pitch:</b>	0.270 x 0.270 mm
<b>Brightness:</b>	250 cd/m <sup>2</sup> (Typical)
<b>Viewing Angle:</b>	±89° All Directions (Typical)
<b>Contrast Ratio:</b>	1000:1 (Typical)
<b>Response Time:</b>	16 ms Tr + Tf (Typical) 6 ms GtG (Typical)
<b>Display Colors:</b>	16 Million
<b>Native Resolution:</b>	1920 x 1200 @ 60 Hz
<b>Processor:</b>	Intel Core I5 2.5 GHz, Intel QM67 Express Chipset
<b>Memory (DRAM):</b>	8GB DDR3 SDRAM
<b>Storage:</b>	16 GB SLC SSD up to 256 GB
<b>Peripherals:</b>	PS/2 Compatible Keyboard/ Trackball
<b>Ethernet:</b>	Gigabit up to 2 ports
<b>I/O:</b>	USB 2.0 up to 4 ports
<b>Operating System:</b>	Windows, Linux
<b>Display Controls:</b>	Power, Brightness
<b>Temperature:</b>	<b>Operating:</b> (Sea Level): 0 °C to 50 °C, MIL-STD-810E Method 501/502, Procedure II <b>Storage:</b> -20 °C to + 60 °C, MIL-STD-810E, Method 501/502, Procedure I
<b>Humidity:</b>	<b>Operating/Storage:</b> 5 to 95% RH, Non-condensing, MIL STD-810G, Method 507, Procedure I

<b>Altitude:</b>	<b>Operating:</b> 0 to 15,000 ft. above sea level Procedure I <b>Storage:</b> 0 to 50,000 ft. above sea level MIL-STD-810, Method 500.3
<b>Shock:</b>	MIL-S-901D, Grade A, Class I, Type A
<b>Vibration:</b>	MIL-STD-167-1A, Type 1
<b>Drip:</b>	MIL-STD-810E, Method 506.3, Procedure II, Front Panel Only
<b>Sand/Dust:</b>	MIL-STD-810G, Method 510 Front Panel Only
<b>EMI:</b>	MIL-STD-461F, CE102, CS101, CS114, CS116, RE102, RS101, RS103
<b>Power:</b>	<b>Supply:</b> Internal 88-264/ VAC Auto Ranging <b>Frequency:</b> 43-63Hz <b>Power:</b> 145 Watts (Typical) <b>Chassis Connector:</b> MS3102A-10SL-3P
<b>Dimensions:</b>	24.00"W x 15.72"H x 4.5" DP
<b>Weight:</b>	25 lbs
<b>Options:</b>	<ul style="list-style-type: none"><li>▪ Resistive or Capacitive Touchscreen</li><li>▪ I/O: RS-232 up to 2 ports</li><li>▪ Video Output</li><li>▪ Fiber Ethernet</li><li>▪ Stereo Audio I/O</li></ul>